

Creality K1C – High-Speed Enclosed 3D Printer with AI & Carbon Filter

Product Description:

The Creality K1C is the next-gen evolution of high-speed desktop 3D printing, designed for makers who demand speed, safety, and strength. With a blistering 600mm/s print speed, all-metal hotend, and a fully enclosed chamber with a built-in activated carbon air filter, the K1C handles PLA, ABS, PETG, and carbon fiber filaments with ease.

The AI-powered camera ensures intelligent failure detection, while Creality’s refined CoreXY motion system guarantees precision even at high velocity. Whether you're prototyping, creating functional parts, or pushing print boundaries, the K1C delivers uncompromising results in a compact, professional-grade machine.

Specifications:

Feature	Details
Build Volume	220 x 220 x 250 mm
Print Speed	Up to 600mm/s (Default 300mm/s)
Max Acceleration	20,000mm/s ²
Layer Height	0.1 – 0.35mm
Extruder	Direct Drive, All-Metal
Nozzle Diameter	0.4mm (standard, replaceable)
Filament Compatibility	PLA, ABS, PETG, TPU, Carbon Fiber
Bed Surface	PEI Flexible Build Plate
Leveling System	Dual Auto-Leveling: Strain Sensor & LiDAR
Connectivity	Wi-Fi, LAN, USB
Camera	AI Camera for Spaghetti & Foreign Object Detection
Enclosure	Fully Enclosed with Carbon Filter
Operating System	Creality OS + Klipper
Display	4.3" Touchscreen

Contents:

- Creality K1C 3D Printer (Fully Assembled)
- PEI Magnetic Build Plate
- Power Cable
- USB Drive
- Filament Sample
- Tool Kit
- User Manual
- Spare Nozzle

Applications:

- Functional Prototyping
- Carbon Fiber Parts
- High-Speed Iterative Design
- Education & Engineering Labs
- Consumer Product Design
- Strong, Lightweight Parts

Features and Benefits:

- Ultra-Fast Printing: Up to 600mm/s with no compromise on accuracy.
- All-Metal Extruder: Handles abrasive filaments like carbon fiber with ease.
- AI-Powered Camera: Detects print failures, foreign objects, and spaghetti.
- Fully Enclosed Chamber: Safer printing, better ABS/ASA performance.
- Dual Auto-Leveling: Seamless first layer every time, no manual tweaks.
- Carbon Air Filter: Keeps odors and micro-particles under control.
- Smart OS with Klipper: Fast UI, advanced tuning, remote monitoring.

Packaging:

The K1C is securely packaged in Creality's reinforced foam casing and double-boxed for transit protection. Each unit ships fully assembled and ready to print, making setup effortless.